

Tree and Star Three Window Coupler Module

Features	
Low excess loss & low IL & Low PDL	
High stability and reliability	
Application	
Optical communication systems	
FTTH	
CATV	
LAN Network	

Specification

Parameter		N×4 N=1, 2	N×6 N=1, 2	N×8 N=1, 2	N×12 N=1, 2	N×16 N=1, 2	N×24 N=1, 2	N×32 N=1, 2	
Operating wavelength (nm)		1310/1490/1550,							
Operating bandwidth (nm)		1310 ±40, 1490 ±10 and 1550 ±40							
Insertion loss (dB)	P grade	≤7.2	≤9.6	≤10.8	≤13.2	≤14.4	≤16.8	≤18.0	
	A grade	≤7.6	≤10.2	≤11.4	≤14.0	≤15.2	≤17.8	≤19.0	
Typical excess loss (dB)		0.3	0.4	0.45	0.55	0.6	0.7	0.75	
PDL (dB)		≤0.3	≤0.4	≤0.4	≤0.5	≤0.5	≤0.6	≤0.6	
Operating temperature (°C)		-20 ~ +70							
Pigtail length		1 meter, others on request							
Fiber type		900μm, 2mm, 3mm loose tube							
Dimensions (L×W×H) (mm)	ABS Box	100×80×10			125×96×16		141×115×18		
		1U LGX (130×127×29)			19" 1U box (482.6×278×44)				
		2U LGX (130×127×58)			19" 2U box (482.6×278×88)				

Ordering Information

CP	Wavelength	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S = Single mode standard coupler	P	1x2	532	1/99	250=250um	1=SMF-28e	1=	NC=None	3x54
		A	2x2	633	2/98	bare fiber	2=50/125	1m	FA=FC/APC	3x40
	W =Wide band coupler		1x3	780	3/97	900=900um	3=62.5/12.5	X:other	FC=FC/UPC
			1x4	850	loose tube	4=HI1060FLE		SA=SC/APC	
	D =Dual window coupler		1x5	980	50/50	2000=2mm	X	SC=SC/UPC		
			1064		loose tube	5=Panda fiber	LC=LC/UPC		
	T =Three Window coupler			1310		3000=3mm	6=RC Fiber	LA=LC/APC		
				1550		loose tube	7=Others	MU=MU/UPC		
	M =Multimode fiber Coupler			1310/1550				XX=Others		
				1260~1620						